

ABSTRACT

A silver filled gold jewelry wire item includes an inner precious metal core, such as silver, and an outer gold layer. The outer gold layer has a predetermined thickness of from about .0001 inch to about .002 inch, preferably no more than .001 inch thick, which is much thinner than durable hollow wires of at least .004 inch in thickness or greater. A forming process draws a gold sheet strip into an open channel shaped member into which a solid silver core is placed at ambient temperatures. The open channel shaped member is closed by further rollers at ambient temperatures and welding of a seam when closed about the solid core. The resultant solid tubular gold jewelry wire item resists damage from diamond cutting knives, and can be used to create jewelry rope chains, earrings and bangles.

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